

SEMICONDUCTOR STRUCTURE HAVING A TEXTURED NITRIDE-BASED LAYER

ABSTRACT OF THE DISCLOSURE

A semiconductor structure having a textured nitride-based layer. The textured nitride-based layer can be formed above one or more crystalline nitride layers and a substrate, and can be formed into any desired pattern. The semiconductor structure can be incorporated as part of, for example, a field effect transistor, a light emitting diode, or a laser.